

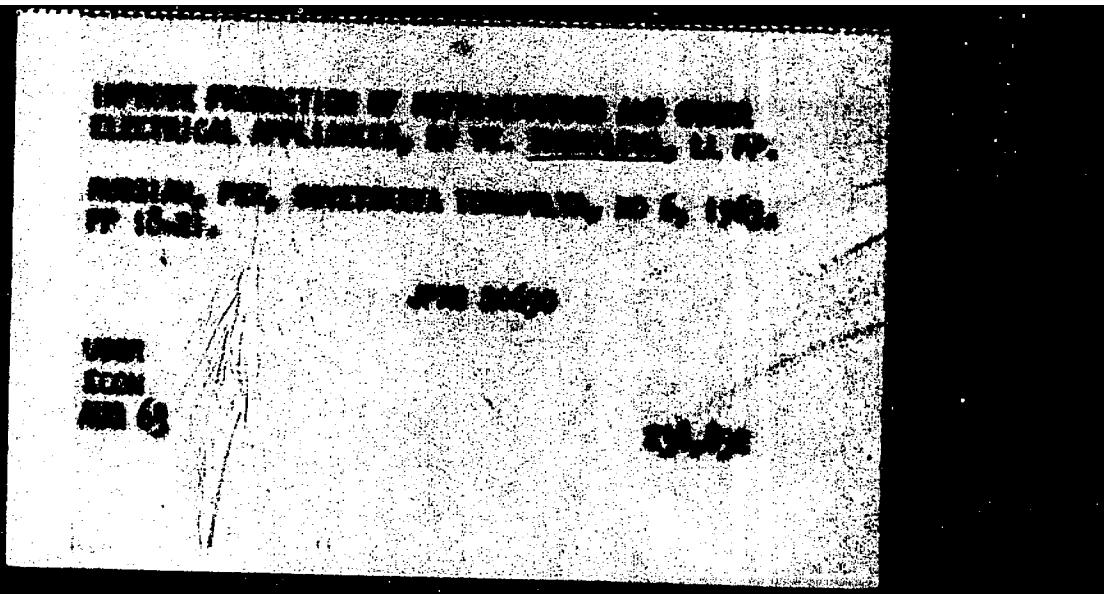
Safe Starting of Blast Furnaces, by
V. T. Shumilova.

RUSSIAN, per, Gig i San, No 2, 1952,
pp 26-29.

OTS PB 6121 932

Sci -
Jun 63

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200860068-2



APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000200860068-2

Utilisation des radioisotopes dans l'analyse
par fluorescence pour le contrôle automatique
des produits de l'enrichissement de minéraux,
by N. N. Shumilovskiy, L. V. Mel'tser, et al,
14 pp.

RUSSIAN to FRENCH, per, ~~XXXXXXXXXX~~ Iz Vyschikh
Ucheb Zaved Metall SSSR, Vol III, 1961,
pp 140-147.

Reverse Translation
CEA-MR-1719

Sci
Apr 64

Radioactive Isotopes in Instrumentation and
Control, by N. N. Shumilovskiy,

RUSSIAN, bk, 202 pp.

Pergamon Press

Jan 64

Fundamentals of Automatic Systems of Radio
Isotopes, by N. N. Shumilovskiy, L. V. Mel'tser

RUSSIAN, bk, 1959

*Pergamon Press

per AEC 13 Feb 60

The Development of Automatic Control Methods Using
Nuclear Radiations, by N. N. Shumilovskii, L. V.
Mol'tsov, 7 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXX, No 3, 1960,
pp 242-261.

AKRF-Barwell-Tr-945

Sci - Nucl Sci

343,645

Automatic Production Control With the Use of Nuclear
Radiations, by N. N. Shumilovskiy, L. V. Mel'ttaer,
~~ppxxlv28x~~

RUSSIAN, bk, Radikal'kionye Metody Kontrolya i
Regulirovaniya Proizvodstvennykh Protsessov, 1959,
pp 1-23.

AEC Tr-4139

Sci
Jun 61

154,7P3

Automatic Gas Analyzers of the Mass-Spectrometer
Type, by N. N. Shumilovskiy, R. I. Stakhovskiy.

RUSSIAN, bk, Nauchnyye Osnovy Postroyeniya
Tekhnicheskikh Sredstv Avtomatiki, 1957, pp 176-193.
CIA654177

ATIC F-TS-9829/V

Sci-Engineering

Nov 59

The Basic Problems of the Theory of Automatic Measurements, by N. N. Shumilovskiy, B. S. Sinitzin.

RUSSIAN, bk, Nauchnyye Osnovy Postroyeniya
Tekhnicheskikh Sredstv Avtomatiki, 1957, pp 14-34.
CIA 654177

ATIC F-TS-9829/V

Sci-Engineering

Nov 59

Split Balancing of AC Bridges, by N. N.
Shumilovskiy, V. Yu. Kheller, 4 pp.

RUSSIAN, per, Izmeritel Tekh, No 4, 1958,
pp 51-53.

Instru Soc of Amer

Sci

Apr 60

113,122

Control in Directed Drilling and the Use of Mass Spectrometer for Gas Analysis in U. G. by N. N. Shumilovskiy, G. G. Yarmol'chuk.

RUSSIAN, per, Podzemnaya Gazonifikatsiya Ugley,
No 2, 1957, pp 61-65.

Dept of Interior
TR7, 1957, No 133

Sci - Engr

100, 598

Nov 59

Use of Nuclear Radiation for Automation and
Technological Process Control in the USSR, by
N. N. Shamilovskiy, L. V. Maltsev.

ShAMILOVSKIY
MITSIAK, bk, Vsesoyuznoi Nauchno-tekhnicheskoi
Konferentsii Po Primeneniyu Radioaktivnykh i
Stabiliziruyushchikh Isotopov i Poluchenny v Narodnom
Khonyaistve i Nauke, 1997, 474 pp. CIA 9033967-C
Seal 578

AMC Tr 3945

Sci - Nuclear Physics
Apr 99.

84, 641

Modulation of Radioactive Emissions in Automatic
Measuring Devices, by D. I. Ageykin, L. V. Maltsev,
N. N. Shumilovskiy,

RSSSR, ser. Avtomat i Telemekh, Vol XVIIX, No 7,
1957, pp 686-.

Instru Soc of Amer

Set

Feb 60

108,681

<p>Shumilovskii, Nikolai Nikolaevich and Mei'tsaer, Lel Vladimirovich. RADIOACTIVE ISOTOPES IN INSTRUMENTATION AND CONTROL. International Series of Monographs on Nuclear Energy, Div. IV: Isotopes and Radiation, v. 3 R. F. Keileher, tr. 1964, 198p Order from Macmillan Co., 60 Fifth Ave.; New York, 11, N. Y. \$10.00 Trans. of unidentified Russian mono. n.p., n.d.</p> <p>(Nuclear Physics--Instruments, TT, v. 12, no. 3)</p>	<p>TT-64-22117</p> <p>I. Shumilovskii, N. N. II. Mei'tsaer, L. V. III. Title: International ... IV. Macmillan Co., New York</p> <p>Office of Technical Services</p>
--	---

(FDD 26643)

(KGBX2464)

The Joint, Expanded Session of the Presidium of the Academy of Medical Sciences USSR and the Ministry of Public Health USSR, Devoted to Public Health Services for the Population in the Regions in Novosibirsk Where Virgin and Waste Lands are Being Reclaimed, by M. M. Mayevskiy, B. N. Shumkin, 48 pp.

RUSSIAN, no par, Vest Ak Ned Nauk SSSR, No 3, Moscow, Mar 1955, pp 61-75

USSR

35,032 CIA/FDD U-8125

Sci - Medicine, sanitary, hygiene
May 56

Conference of the Academy of Medical Sciences of the
USSR. Discussion of Dysentery Problems, by S. N.
~~Shchegolev~~ Shchegolev, 12 pp. Uncl. A 15.

Full translation.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, Moscow,
1950.

USSR
Sci - Medicine

*NAVY Tr 588 /ONI 110-

Apr 52 CIB

A 110 82

(DC-3330).

The Work of the Bureau of the Department of
Hygiene, Microbiology and Epidemiology, Academy
of Medical Sciences USSR, During 1958, by
B. N. Shumkin, A. I. Danilov, 15 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIV,
No 12, 1959, pp 54-60.

JPRS 3073 110,542

Sci - Med, Misc
Mar 60

S-4733

(DC-2361)

Astrakhan Session of Academy of Medical Sciences USSR on the Problem of Intestinal Infections, by B. N. Shumkin, A. I. Smirnova, A. I. Danilov, 14 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 10,
Moscow, 1958, pp 74-80.

Vol XIII
JPRS-L-1745-D

Sci - Medicine
Jul 59

90,900

Development of the Mesonephros in Sheep and Cow
Embryos (*Ovis aries* and *Bos taurus*), by O. B.
Shumakina, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 2,
1959, pp 477-.

Amer Inst of Biol Sci

Sci

Mar 60

110, 745

The Development of the Fetal Kidney in the
Karakul Sheep (*Ovis aries Karakul*), by O. B.
Shumkina, ~~etc.~~ 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 6, 1960, pp 1388-.

AIRS

Sci

138,462

Feb 61

Development of the Thymus of the Cow, by O. B.
Shumkina, 4, pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 2, 1957, pp 363-365.

Amer Inst of Biol Sci
Doklady-Biol Sci Sec
Jan/Feb 1957

Sci - Biology
Sep 57

51,991

Tubes Automatically Welded From One Side on a Flux
Cushion, by A. I. Shumkov, G. Ya. Sviridov, 3 pp.

RUSSIAN, per, Svaroch Proiz, No 11, 1961, pp 1435.

BWRA

Sci

Oct 62

216,128

Reformation of the Shores of Kairek-Kusukii
Reservoir under Conditions of Fluctuations
in the Water Level, by I. G. Shunkov.
RSSIAN, per, Trudy Geod Sci Inst, 1963, vol.
106, pp.182-196.
AGU

I. G. Shunkov

E Sci
Aug 66

307,798

O. A. Shumkov

Method of Rapid Flotation, Means of its Practical Use
and Further Improvement, by O. A. Shumkov.
RUSSIAN, per, Tsvetnye Metally, Vol 32, No 10, 1959,
pp 1-10.
*NTIS TT 72-53009

Mar 72

High-Speed Flotation - A Method of Using Reserves to Increase the Extractive and to Lower the Cost of Non-ferrous Metals, by O. A. Shunkov, G. N. Kurbet'ev, 6 pp.

Russia, per, Tsvetnye Metally, Vol VIII, No 8, 1962,
pp 5-10.

PMS

245,936

sci
Jan 64

The Problem of Most Accurately Determining Extraction
When Preparing Metals Balances for Ore Dressing ~~Fact~~
Plants, by O. A. Shumkov, 3 pp.

RUSSIAN, per, Tsvetnye Metally, Vol II, No 7, 1961,
pp 14-15.

PS

Sci

Oct 62

214,216

Dynamic Properties of a Synchronous Detector, by
L. A. Sinitskiy, Yu. M. Shumkov,

RUSSIAN, per, Avtomat i Telemekh, Vol XXIII, No 1,
1962, pp 128-.

ISA

Sci

213,267

Aug 62

(SR-1880)

Some Qualitative Peculiarities of Non-
linear Circuits With a Nonlinear Element
Having a Piecewise Linear Characteristic,
by L. A. Sinit's'kiy, Yu. M. Shumkov,
12 pp.

RUSSIAN, per, Avtomatyka, No 6, 1961,
pp 61-68.

JPRS 13671

193,524

Sci - H Electronics
May 62

(NY-4693)

Spurious Radiation of Short-Wave Transmitters, by
I. I. Shumlyanskiy, Yu. D. Gusarov, N. A.
Ochekalenko, 13 pp.

RUSSIAN, per, Vestnik Svyazi, No 4 (241), 1960.

JPRS 5428

Sci - Electron

Oct 60

131,005

Influence of Accuracy of Chrominance Signal Shaping
on Image Quality
By Yu. V. Aksentov and V. S. Shumlyayev pp 7
RUSSIAN, per, Elektrosvyaz', No 12, 1962

AIES

340, 643

Sci

Jul 63

Method of Producing and Selection of Tetraploid Forms
of Corn With the Use of Colchicine,
by Shumnyi, V. K.
RUSSIAN, per, Izvestia Akad. Nauk. Sibirsk. Otdel.
Ser. Biol.-Med. Nauk, No. 2, pp. 19-23, 1964.
*USDA

Shumnyi, V.K.

Sci/Agrl
Mar 65

Basic Principles in the Top-Blowing of Iron
With Oxygen, by S. G. Afanas'yev, M. N.
Shumov, M. P. Kvitko, 7 pp.

RUSSIAN, per, Stal, No 10, 1960, pp 884-892.

BISI

Sci

Apr 61

145⁴ 23

Use of Oxygen in the Converter Shop at Krivorozhstal',
by S. G. Afans'ev, M. M. Shumov, Z. D. Epstein,
F. F. Ryazanov, G. N. Kosin, I. S. Kukurznyak,
4 pp.

RUSSIAN, per, Stal, No 9, 1959, pp 787-792.

BISI

Sci Available Br 5 Library

Apr 60

112,426

Bessemerizing Basic Iron Using Pure Oxygen, by
S. G. Afanas'ev, M. M. Shamov, Z. D. Epstein,
P. V. Andreev, 90 pp.

RUSSIAN, no per, Stal', Vol XVI, No 3, 1956,
pp 203-222.

CIA/FDD X-2210

Scientific - Mn/Metals 36,687
RU 56 CIS/dex

Ukraine and the Little Bee (Aircraft), by V. Viktorov,
V. Shumov, 6 pp.

RUSSIAN, per, Ogonek, No 29, 1957, p 8. CIA 606877

ATIC F-TS-9398/V

Sci - Aero

Fpr 58

USSR

Econ -

62,134

X-ray Study of the System $PbTiO_3-BaSnO_3$, by
Yu. F. Venkovsev, A. G. Kapyshov, Yu. V. Shumov;

ISSLSN, nov, Rietveldographiya, Vol 32, No 2,
1957, pp 233-238.

Amer Inst of Phys

Sci

Feb 60

108, 588

Pathogenesis and Treatment of Barn Sickness, by
G. D. Vilyavkin, O. V. Shamova, 58 pp.
RUSSIAN, bk. Parazit i Lekarstvo. Osobennosti
Belzini, Moscow, 1963, pp 3-34, 237-238,
275, 276.
JPRS 24338

Sci - Med
May 64

254, 460

A Cytochemical Investigation of the Nucleic Acids
Proteins and Polysaccharides in Malignant Tumors
of the Uterine Cervix and Breast in Humans, by
I. A. Shumova, 5 pp.

RUSSIAN, per, Byul Ekspер Biol i Med,
Vol XLVIII, No 7, 1959, pp 68-71.

Consultants Bureau

Sci
Mar 60

110,807

Wider Use of the Leading Experiments for Exploitation With Turbo-Drilling, by V. A. Nurchanov, Shm Shumcova.

RUSSIAN, per, Neft Khoz, Vol IV, 1957, pp 1-5.

Tech and Com
\$40.00

Sci - Engr

61, 510

Apr 58

An Analysis of Injuries and Preventive
Measures, by A. P. Zotov, S. V. Shumova

RUSSIAN, mo per, Voyenno Med Zhur, No 9,
Moscow, Sep 1958, pp 7-10

US JPRS/NY 1108

Sci - Med.

Jan 59

79,630

Shurmovskaya, N.A., Bruns, B.P. and
Mc'nikova, Z.Y.
REACTION ENTRE L'OXYDE DE CARBONE ET LE
DIOXYDE DE MANGANESE (Reaktsiya Mezhdju Okis-
yu Ugleroda i Dvukis'yu Margantsia) (Reaction Be-
tween Carbon Monoxide and Manganese Dioxide).
19p. (Foreign text included) 17refs. CNRS-VIII bis86.
Order from OTS, ETC or CNRS \$1.60 TT-62-28757

Trans. in French of Zhurnal Fizicheskoi Khimii
(USSR) 1951, v. 25, no. 11, p. 1306-1312.

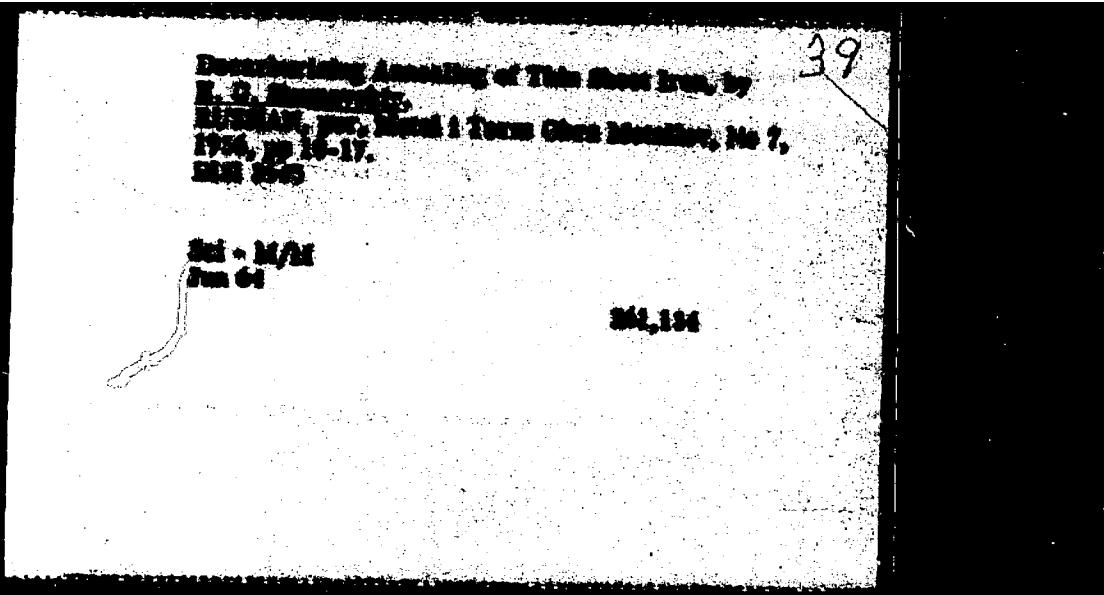
DESCRIPTORS: *Manganese, *Dioxides, Carbon
compounds, Oxides, Surface properties, Chemical
reactions.

(Chemistry--Physical, TT, v. 11, no. 8)

TT-62-28757

I. Shurmovskaya, N.A.
II. Bruns, B.P.
III. Mc'nikova, Z.Y.
IV. CNRS-VIII bis 86
V. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre



Decarburizing Annealing of Thin Sheet Iron, by
E.G. Shumovskii.

RUSSIAN, per, Metallovedenie i Termicheskaya
Obrabotka Metall, No 7, 1956, pp 10-15
GB/41/3645 - Price 6. 15s

E. G. Shumovskii

Sci -
Jul 67

335,050

PODOL'SKAYA, E. V.
SHUMOVSKII, E. S.

Macroscopic Estimation of Hydrogen in Solid Steel.

ZAVODSKAYA LABORATORIYA, vol 16, 1950, No2,
pp 168-73; 1750 words.

Brutcher No 2724, \$ 3.50

also Navy Tr 791/Buships 527 A9296

Jul 53 CTS

Pharmacognosy, by M. D. Shupinskaya and
V. N. Karpovich,
RUSSIAN, bk., Karmaofniziya, 1964, 342 pp.
*FTD-UT-23-519-67

51

M. D. Shupinskaya

The L'Vov-Prague Railroad Line is
Electrified, by D. Shumskiy, 4 pp.

RUSSIAN, np, Pravda, 21 Oct 1962, p 1.

JPRS 16649

USSR
Econ
Dec 62

Shumskiy, K.

BASES OF A METHOD OF EVALUATING SUBLIMATION CONDENSERS (Osnovy Metoda Rascheta Sublimatsionnykh Kondensatorov). June 61 [11]p. 7 refs. RTS 1770.

Order from OTS or SLA \$1.60

61-23091

Trans. of Kholodil'naya Tekhnika (USSR) 1958 [v. 35] no. 2, p. 20-26.

DESCRIPTORS: *Steam condensers, Condensation, Vacuum apparatus, *Sublimation, Freezing, Ice, Water vapor, Design, Tests, *Laboratory equipment.

Condensation of vapor into solid state under vacuum (at pressures below the triple point) is characterized by a mobile condensate boundary, i.e., continuous growth of the solid condensate film on the surface. The vapor is directly transformed into a solid, bypassing the fluid state. Henceforth we will call those vessels in which this process takes place sublimation condensers. (Engineering--Chemical, TT, v. 6, no. 4) (over)

61-23091

I. Shumskiy, K.
II. RTS-1770
III. Department of Scientific
and Industrial Research
(Gt. Brit.)

Office of Technical Services

Shumakil, K. P.
A NEW PRINCIPLE IN DESIGN OF EQUIPMENT FOR
VOLUMETRIC CONDENSATION OF LIQUID VAPORS
UNDER VACUUM. Jan 62, 5p. 5 refs.
Order from ICE in v. 2, no. 1, \$15.00/year

Trans. of Khim[icheskoe] Mashinostroenie (USSR)
1961 [v. 3] no. 5, p. 29ff.

DESCRIPTORS: *Vapors, Mixtures, Separation, Con-
densation, *Electric fields, *Industrial equipment,
*Laboratory equipment, Vacuum apparatus,
*Chemical engineering.

(Engineering--Chemical, TT, v. 8, no. 10)

62-34297

I. Shumakil, K. P.
II. International Chemical
Engineering, New York

0226456

Office of Technical Services

Apparatus for Cooling of Crushed Materials
in a Fluidized Bed, by K. P. Shumskii,
I. S. Makainovskaya, N. L. Iann, 7 pp.
SOVZDRUZHENIE, Sovz., Entsiklopedicheskoe Moshchinenstroenie,
Vol 4, No 1, 1962, pp 7-9.
SIA 22-65-10170

K. P. Shumskii

338,782

Sci
.....

The Theory of Phase Conversions in a Vacuum,
by K. P. Shumakiy, 13 pp.

RUSSIAN, paper, Tesisy Dokladov i Soobshcheniy
na Soveshchaniye po Teplo i Massoobmenu, Minak,
5-9 Jun 1961, AN Belorusskay SSR. 9675779

FID-TR-62-67

Sci - Phys
19 Mar 62

188, 297

Principles of Structural Glaciology, by
P. Smirskiy,
Budel'm., rpt. Osnovy Strukturnogo Ledenovedeniya, 1955.
Dept of Inter
250-40000

SCI-INTL SCI
Jan 67

316,707

Geographical Observations in an Antarctic
area "Oasis," by G. A. Avsyuk, K. K. Markov,
P. A. Shumskiy, 53 pp.

RUSSIAN, per, Iz Vses Geograf Obshchestva,
Vol LXXXVIII, No 4, 1956, pp 316-350.

REF ID: A621825
QFB 60-21825
(PL 480)

USSR
Geog
Sep 61

168, 217

Ground Subsurface Ice, by P.A. Shumskii.
RUSSIAN, NAME, Country, Author and Date of publication
Chast' Petrenko, Chernobyl, Chernobyl, 1979,
chap.9, pp. 274-327.
BBC C-5029

P. A. Shumskii

ES/Astron
Aug 66

304655

The Condensation of Steam into the Solid State in a
Rarefied Medium, by A.P. Shumskiy, 7 pp.

RUSSIAN, per Zhur Tekh Fiz, Vol XXI, No 8, 1961, pp
pp. 991 - 1000.

AIP
Sov Phys - Tech Phys
Vol VI, No 8

191,906

Sci
Mar 62

Three Letters About Production Supplies, by
V. Shul'man, A. Laykov, 13 pp.

RUSSIAN, ⁷⁴, Ekonomicheskaya Gazeta, No 34,
18 Aug 1962, pp 33 36-37.

JPRS 15883

USSR
Econ
Oct 62

216,790

Application of Nonradioactive Potassium Derivatives
for the Experimental Study of Mass
Transfer Processes, by D. L. Todorov,
N. P. Shul'man, 3 pp.
Kurchatov, Dec., 2nd 1958, No. 2,
1958, No. 39-102. 002719
ARC 500-10-104

67

Z. R. Shul'man

Dec. 1958

AM-1

27,072

An Analysis of a Laminar Boundary Layer With Heat
and Mass Transfer in an Incompressible Fluid, by
Z. P. Shul'man.

RUSSIAN, per, Inzh-Fiz Zhur, Vol V, No 5, 1962,
pp 102-104.

Rand Corporation
RAND RM-3304-PR

Sci - Phys

Oct 62

2/5, 569
212,288

The Effect of Errors in the Graduations of the Circle on the Accuracy of the Measurement of Horizontal Angles, by N. V. Shul'man, 3 pp.

RUSSIAN, per, Geodez i Kartog, No 10, 1959,
pp 15-17.

AGU

Sci

Jul x 61

167,279

The Catalase Process, by A. I. Shul'mina and P. V.
Afanas'ev, 2 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol CXXIV, No 6,
1959, pp 1347-.

Amer Inst of Biol Sci

Sci - Biol

Sep 59

96,061

(NY-6905)

SIGNIFICANCE OF CHANGES ORIGINATING IN AN IRRADIATED
AQUEOUS MEDIUM DURING THE P PROCESS OF INJURING CELLS
BY IONIZING RADIATION, BY E. YA. GRAYEVSKIY, A. I. S.
SHUL' MINA, 11 PP.

RUSSIAN, PER, VOPROSY TSITOLOGI I OBSHOCH FIZ,
1960, PP 80-85.

JPRS 12921

SCI - MED
MAR 68

183,643

On the Mechanism of Catalase ~~M~~ Action, by P. V. Afanasev,
A. I. Shulmina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 4, 1957,
pp 759-762.

Consultants Bureau

Sci - Biology
May 58

62,701

Cybernetics Begins in the Shop, by
V. Shul'nan, 7 pp.
RUSSIAN, pub. Ekonomiceskaya Gazeta, 10
Mar 1965, p 12. 9409555
FTD-TT-65-1661

88

V. Shul'nan

Sci/Math & Data Processing
Apr 66

298,909

Terpenophenols. XI. Condensation of
Norbornene With o-Cresol and Conversions
of the Condensation Product, by I. A. Kheifits,
L. M. Shilov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII,
No 7, 1963, pp 2412-2417.

CB

m8c1
Aug 64

264,579

Terpenophenols VII. Conversions of Condensation
Products of Camphene and o-Cresol.
By L. A. Kheifits, L. M. Shulov, pp. 6

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII,
No. 8, 1962, pp. 2717-2722.

CB 340,708

Sci

Jul 63

Terpenophenols. V. Determination of the
Dissociation Constants of Some Sterically
Hindered Terpenophenols in Aqueous Organic
Solvents, by L. A. Ekeifits, L. N. Shulov,
3 pp.

RUSSIAN, per, Izmer Osnich Khim, Vol XXXI,
No 3, 1961, pp 723-725.

61

Sci

195,173

May 62

An Investigation in the Field of the Terpenylphenols.
IV. A Study of the Products of the Condensation of
Camphene with o-Cresol, by L. A. Kheifits, L. M.
Smilov, Ya. V. Broun, ~~2~~ pp.
³

RUSSIAN, per, Zhar Obshch Khim, Vol XXXI, No. 2, 1961,
pp ~~565-571~~
672-677

CB

189,149

Scl.

Mar 62

Terpenophenols. X. Condensation of Camphene with
o-Cresol in the Presence of Aluminum o-Cresolate and
Conversion of the Condensation Product, by L.A.
Kheifits, L.M. Shulov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim,
Vol XXXIII, No 6, 1963, pp 2051-2-55.

GB

SCI

May 64

259, 629

Synthesis of the Methyl Ester of the Racemic Alkaloid
of β Dauricine, by I. N. Gorbacheva, G. V. Bushbek,
L. P. Varnakova, L. M. Shulov, N. A. Prechrasimakiy
5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XIVII, No 8,
1957, pp 2297-2301.

Consultants Bureau

Sci - Chem
Oct 58

74, 222

Effective Control of the Quality of Work in Plant
Laboratories, by B. N. Vorontsov and N. P.
Shul'pin, 8 pp. Unclassified

RUSSIAN, par, Izmeritel'naya Tekhnika, No 2,
Mar-Apr 56, pp 57-61. CIA 631472

ATIC Y-TH-9029/V

USSR

75,831

Econ
Nov 58

The Specific Heat and Bound Water of Plants, by
A. V. Tikhonov, N. A. Shul'tsin, M. M. Dubovaya. 5 pp.
RUSSIAN, *Zer.*, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 940-943.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,999

Schulte, E.

PRESENT STATUS OF GRINDING WHEEL TESTING.
Communication and reply in reference to article by
M. Lang and M. Riedel. [1962] 6p. (refs. omitted).
Order from SLA \$1.10

62-18717

Trans. of Werkstatt und Betrieb (West Germany) 1948,
v. 81, no. 1, p. 12-13.

DESCRIPTORS: *Grinding wheels, Test methods,
Hardness.

62-18717

I. Schulte, E.
II. Lang, M.
III. Riedel, M.

Effect of Nonmetallic Inclusions on the Properties of
Malleable Cast Iron, by P. N. Bidulya, G. Yu. Shul'ga,
RUSSIAN, per, Iz Vsesoiuzn Ucheb Zaved Chern Met, No 1,
1962, pp 183-189.

HB 6152

Sci - M/M

Mar 64

250,799

Thermal Conditions in the Electroslag Process, by
B.S. Speranskii, Yu. A. Smol'te et al, 5 pp.

RUSSIAN, per, Avtomat Svarka,
No 1, Jan 1963, pp 9-14.

British Welding Res. Association

Sci

May 64

258,766

Vacuum Treatment of Liquid Steel and Ferroalloys
in Ladle and Mold, by S. G. Vysotin, S. P. Samotayev,
Yu. A. Shul'te, N. Ya. Neimark.

RUSSIAN, paper, Primenenie Vakumma v Metallurgii,
Moscow, 1958, pp 123-131, 9049126.

Henry Bratcher
No. 4374

Sci - Min/Metals

Jun 60

117,083

T

Cast Steel Testpieces for Determining Mechanical
Properties, by Yu. A. Shul'te, S. I. Gladkiy,
3 pp.

RUSSIAN, per, Lit Proiz, No 4, 1962,

BCIRA

Sci

Nov 62

216,438

The Observation of the Optical-Acoustic Effect in
Liquids, by E. F. Gross, Ya. Ya. Abolin'sh, A. A.
Shultin, 3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 4,
1958, pp 832-835

Amer Inst of Phys
Sov Phys - Tech Phys
Vol XIII, No 4

Sci - Phys, Electron
Jan 59

:78,704

Optical Acoustic Effect in Crystals, by E. F.
Gross, Ya. Ya. Abolin'sh, A. A. Shultin. 3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 10,
1958, pp 2255-2258.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 10

Sci - Phys

Jun 59

90,092

Effect of the Field of Crystal Lattices on the
Vibration of NO_3^- (or $\text{CO}_3^{'''}$) Ions According to
the Results of Infrared Spectra of Sodium Nitrate
and Calcite, by A. A. Shultin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV,
No 4, 1959, pp 767-.

Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 2

Sci

101, 841

Dec 59

The Interaction of Molecular and Lattice Vibrations in Crystals and the Infra-Red Spectrum, by E. F. Gross, A. A. Shultzin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 4, 1957,
pp 689-692.

Amer Inst of Phys
Sov Phys - "Doklady"
Vol II, No 4

Sci - Phys

May 58

63,765

Stability of Metals in Plants Producing Chlorine and
Sodium Nitrate, by A. I. Shultin, I. A. Kosyakova,
12 pp.

RUSSIAN, per, Korroziya i Borba s Nei, Vol V, No
1/2, 1939, pp ~~3-8~~
126-137.

SLA R-2575

Sci - Chem

Jun 59

89,582

Oxidation of Copper in Aqueous Potassium Dichro-mate -- Sulfuric Acid Solutions, by N. N.
Milyutin, A. I. Shultin, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 3,
1957, pp 346-351.

Con Bu

Sci - Chem
Aug 58

69, 464

Kinetics of the Corrosion Process, by A. I. Shultin,
9 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol. XXIX, No 3,
1956, pp 369-378. CIA 9000995-C, Reel No 42

Consultants Bureau

Sci - Chemistry

40,502

Nov 56 CTS

The Electro Weight of Separate Stages of the Corro-
sion Process, by A. I. Shultzin, 12 pp.

Pull to

Shultzin, 12 pp., ~~Chem. Engg. News~~, Vol. XXX, No 2,
1956, pp 217-223. CIA 504957 C, Reel No 16

X Consultants Bureau

Scientific - Chemistry
Sep 56 CCR/dec

38,413

The Mechanism of the Depassivating Effect of
Chlorides on the Process of Anodic Solution of
Nickel, by A. L. Shul'ts, G. A. Tsygankov,
RUSSIAN, p.v, Dok. Ak Nauk Uzbek SSR, No 9, 1954,
pp 33-35.

AMS RU-2189
SLA 20433 R

Sci - Chem

May 60

115453

The Theory of Glass Electrodes, by B. P.
Nikol'skiy, M. M. Shul'ts, N. V. Peschekhonova,
9 pp.

RUSSIAN, per, Zhurnal Fiz Khim, Vol XXXII,
No 2, 1958, pp 262-269. 9098964

NIH 3-55-62

Shul'ts, M. M., Storonkin, A. V., and Markova,
T. P.
ETUDE DES POTENTIELS CHIMIQUES ET DES COEFFICIENTS D'ACTIVITÉ DES COMPOSANTES DE
SOLUTIONS SOLIDES BINAIRES PAR LA MÉTHODE
DE LA TROISIÈME COMPOSANTE [Issledovanie
Khimicheskikh Potentsialov i Koefitsientov Aktivnosti
Komponentov Binarnykh Tverdykh Rastvorov Metodom
Tret'ego Komponenta] [Investigation of the Chemical
Potentials and Activity Coefficients of the Components
of Binary Solid Solutions by the Method of the Third
Component] tr. by Sokolovski. 6 Apr 60 [16]p. 12 refs.
CEA Trans. no. R 887 (text in French).
Order from OTS or SLA \$1.60 61-23809

Trans. in French of Zhurnal Plz[icheskoi] Khim[ii]
(USSR) 1958, v. 32, no. 11, p. 2518-2524.

DESCRIPTORS: Ion exchange, *Solids, *Solutions,
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(Chemistry--Physical, TT, v. 6, no. 8) (over)

61-23809

- I. Shul'ts, M. M.
- II. Storonkin, A. V.
- III. Markova, T. P.
- IV. CEA-tr-R887
- V. Commissariat à l'Energie
Atomique (France)

115194

Office of Technical Services

Thermodynamics of Multicomponent Heterogeneous Systems.
III. The Relation Between the Chemical Potentials and the
Composition of the Phases at Constant Temperature and
Pressure, by A. V. Storozkin, M. M. Shul'ts pp 4.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 10, 1960, pp
2167-2173.

Cleaver-Hume Press

Sci

Aug 61

164, 213

(NY-5995)

The Theory of the Glass Electrode and Some Questions
in the Theory of Glass, by M. M. Shul'ts, 27 pp.

RUSSIAN, per, Vest Leningrad U, Ser Fiz i Khim,
Vol XV, No 22 (4), 1960, pp 40-48.

JPRS 9249

Sci - Chem

May 61

154, 430

Measurement of Transient Response by Analysis of
the Video Signal, by E. A. Shul'ts, 8 pp.

RUSSIAN, per, Elektrosvyaz', No 10, 1962.

AIEE

Sci

340, 9/0

May 63

Thermodynamic investigation of Solid Solutions
in Al_2O_3 - SiO_2 - CaO_2 System at Temperatures
of 540, 580, 623°, by S. N. Shul'ts, 12 pp.
KUBIAN, per, Leningrad. Universitet. Vestnik.
Seriya Fizika i Khimi, No 1, 1964, pp 111-121.
100060062
TBL-M-6-358

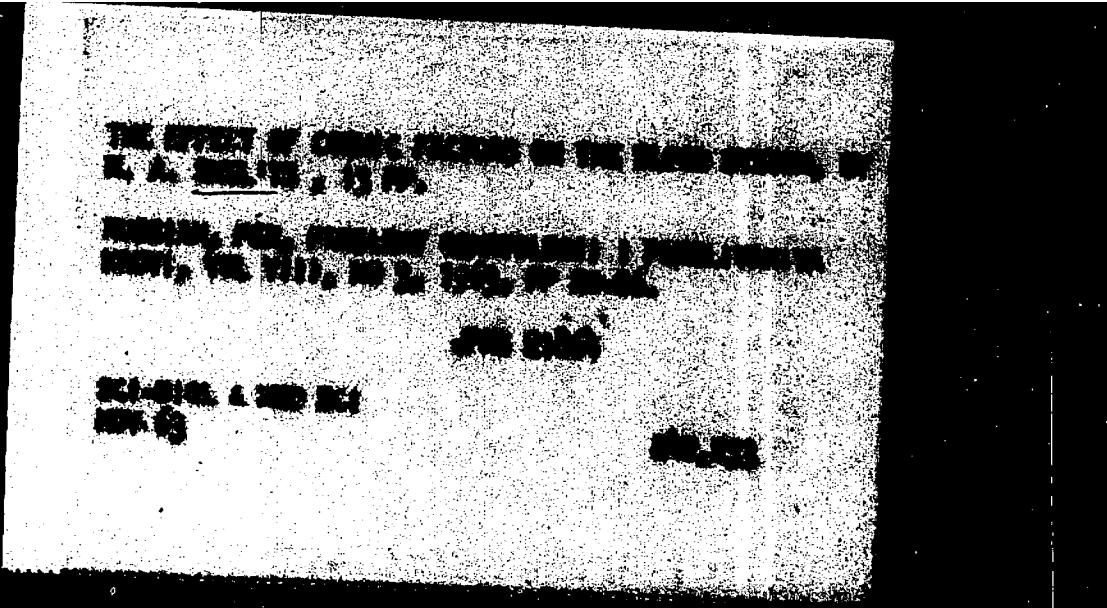
61

Sci-Chem
Apr 68

352.303

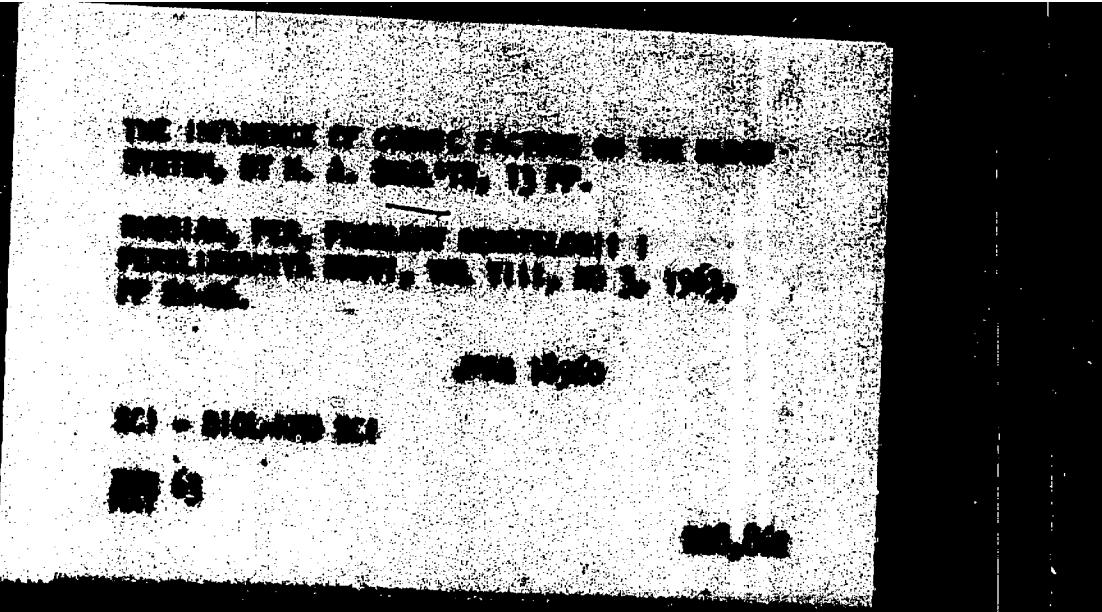
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CIA-RDP91-00929R000200860068-2



The Synphasic Nature of the Frequency of
Functional Variations in the White Cell Count
and the Fluctuations in Solar Activity, by
N. A. Shul'ts, 3 p.

RUSSIAN, per, Problemy Geomatologii, i Perelivaniya
Krovi, Vol IV, No 7, pp 41-42.

Pergamon Press

Sci

Apr 60

112, 486